

Title (en)

CORE YARN SUPPLYING UNIT, CORE YARN SUPPLYING DEVICE, AND SPINNING MACHINE

Title (de)

CORE-GARN-ZUFÜHRUNGSEINHEIT, CORE-GARN-ZUFÜHRUNGSVORRICHTUNG, SPINNMASCHINE UND CORE-GARN-ZUFÜHRUNGSVERFAHREN

Title (fr)

UNITÉ D'ALIMENTATION EN FIL DE NOYAU, DISPOSITIF D'ALIMENTATION EN FIL DE NOYAU ET MACHINE À FILER

Publication

**EP 2975164 A3 20160210 (EN)**

Application

**EP 15162355 A 20150402**

Priority

JP 2014122178 A 20140613

Abstract (en)

[origin: EP2975164A2] A core yarn supplying unit (50) adapted to supply a core yarn (c) includes a tension applying section (60) adapted to apply a tension to the core yarn (C); and a core yarn feeding section (90) adapted to feed the core yarn (C) towards a front top roller 19a, wherein a feeding path of the core yarn (C) in the core yarn feeding section (90) is arranged on a straight line connecting an inlet region and an outlet region of the feeding path.

IPC 8 full level

**D01H 13/04** (2006.01); **D02G 3/36** (2006.01)

CPC (source: EP)

**B65H 51/16** (2013.01); **B65H 51/20** (2013.01); **B65H 59/34** (2013.01); **D01H 13/104** (2013.01); **D02G 3/367** (2013.01); **B65H 2701/31** (2013.01)

Citation (search report)

- [X] EP 1801271 A1 20070627 - MURATA MACHINERY LTD [JP]
- [X] US 2002139102 A1 20021003 - KAWABATA HIRAYUKI [JP]
- [X] EP 1184495 A2 20020306 - MURATA MACHINERY LTD [JP]
- [X] DE 19642222 A1 19980416 - ZINSER TEXTILMASCHINEN GMBH [DE]

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**EP 2975164 A2 20160120; EP 2975164 A3 20160210; EP 2975164 B1 20181010; EP 2975164 B9 20190313**; CN 105274677 A 20160127; CN 105274677 B 20190322; JP 2016003400 A 20160112

DOCDB simple family (application)

**EP 15162355 A 20150402**; CN 201510295660 A 20150602; JP 2014122178 A 20140613